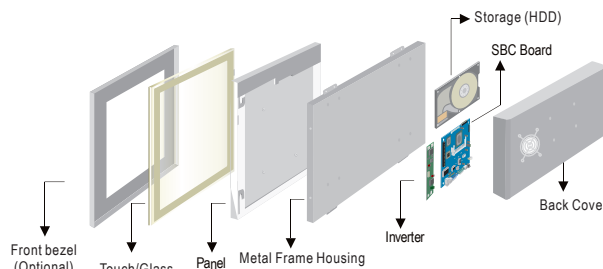


R10IV7T-IPT2 10.4" Panel PC (Intel® 3rd Generation Core™ i7 / i5 / i3)

Mechanical Design

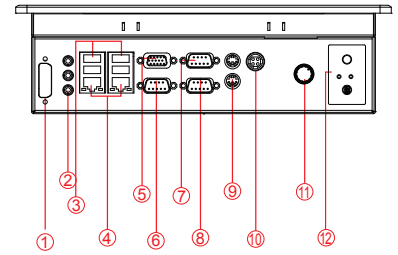


IP65 (6 mm front bezel)



Mechanical design

Dimensions



1. DVI (Optional)
2. Audio jack
3. USB
4. RJ-45
5. VGA Out
6. RS-232 Conn.
7. RS-232 Conn.
8. RS-232 Conn.
9. PS/2
10. DC-IN Power Jack
11. Brightness Adjustment Knob
12. Power / Reset

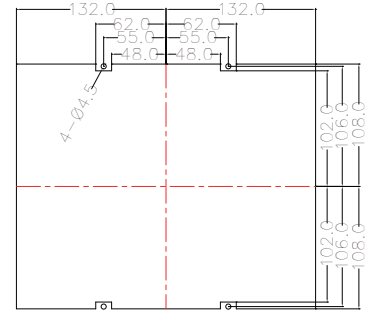
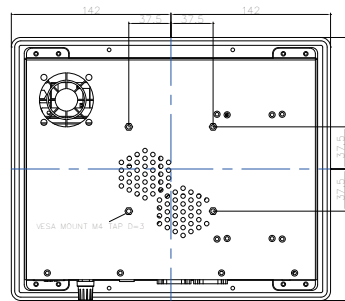
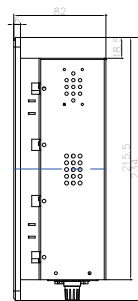
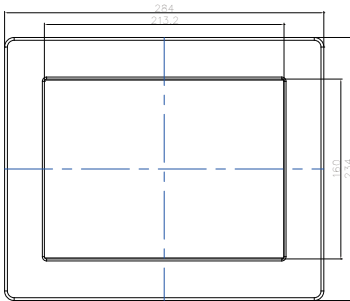
Fully Integrated I/O

FRONT VIEW

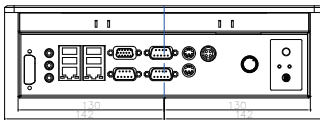
SIDE VIEW

BACK VIEW

CUT OUT



1:2



BOTTOM VIEW

- * Measurements shown in mm
- * Tolerance of all dimensions is shown as follow 0~30 mm ± 0.1 mm, 30~50 mm ± 0.15 mm, 50~120 mm ± 0.2 mm, above 120 mm ± 0.25mm
- * Note: this is a simplified drawing and some components are not marked in detail. Please contact our sales representative if you need further product information.

Specifications

System :

- CPU : Intel® 3rd Generation Core™ i7/i5/i3
- Memory : 2 x SO-DIMM, Max 16GB DDR3L 1333/1600
- System Chipset : Intel® HM76 Chipset
- Storage : 1 x SATAIII, 1 x SATAII, 1 x mSATA
- LAN : Dual Broadcom BCM57780 GbE
- Audio Codec : Realtek ALC886 HD Audio Codec

Input / Output :

- Serial Ports : 2 x RS232, 1 x RS232/422/485
- USB Ports : 4 x USB 3.0
- Keyboard / Mouse : 2 x PS/2
- Ethernet : 2 x RJ 45-10/100/1000 Mbps
- VGA : 1 x VGA (female)
- Audio : Line-Out, Line-In, Mic in

• Default setting:RS232

Expansion Slot :

- 1 x PCI-E(x16), 2 x Mini PCI-E

Power Specifications :

- Power Input : 12V DC IN
- Power Consumption : 87W(typ.)(Max backlight & high CPU load)

Accessories :

- External Power Supply 110~240V AC-in power adapter

Panel Spec :

- Size/Type : 10.4" TFT
- Resolutions : 1024 x 768
- Brightness : 350 cd/m² (typ.)
- Contrast Ratio : 1200 : 1(typ.)
- Viewing Angles : -88~88(H);-88~88(V)
- Max Colors : 16.2M Colors

Environment Considerations :

- Operating Temperature : 0 deg.C to 50 deg.C
- Operating Humidity : 30% to 90% (non condensing)

OS BSP / Driver Support :

- Support Windows 10 IoT Enterprise / Windows 8 Embedded / Windows 7 Embedded / Windows XP Embedded

Order Options :

Mechanical : Front Ip65
Touch : 5-Wires Resistive(Optional)

CPU : Check with Sales
Storage : 2.5" HDD/SSD/CF
RAM : SODIMM DDR3L 1600
OS : Windows 10 IoT Enterprise
Windows 8 Embedded
Windows 7 Embedded
Windows XP Embedded

Anti-Reflective Protective Glass
(A customized housing is needed if you have demands of SAW/IR/IT/SC touch)



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Note: All Specifications are subject to change without prior notice!

Revised Date:11-Aug-2016 V1.4